(19) World Intellectual Property Organization

International Bureau



1 BBTIS BINGING IN BUSING NEW BUSIN BBNI BING NI TOT HOUR HEIN BUSIN BUSIN BUSIN BING BILLIAN HOUR HEIN HEIN HE

(43) International Publication Date 23 December 2004 (23.12.2004)

PCT

(10) International Publication Number WO 2004/110904 A1

- (51) International Patent Classification⁷: B65G 1/08, 13/11, 17/24, 17/30, 39/02, 39/04, 47/02, 47/57, 47/88
- (21) International Application Number:

PCT/AU2004/000789

- (22) International Filing Date: 16 June 2004 (16.06.2004)
- (25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

2003903108

17 June 2003 (17.06.2003) AU

- (71) Applicant (for all designated States except US): ROLLER TRACK AUSTRALIA PTY LTD [AU/AU]; Suite 16, 653-657 Mountain Highway, Bayswater, Victoria 3153 (AU).
- (72) Inventor; and
- (75) Inventor/Applicant (for US only): BROWN, Stephen, Mark [AU/AU]; c/- Suite 16, 653-657 Mountain Highway, Bayswater, Victoria 3153 (AU).
- (74) Agent: PHILLIPS ORMONDE & FITZPATRICK; 367 Collins Street, Melbourne, Victoria 3000 (AU).

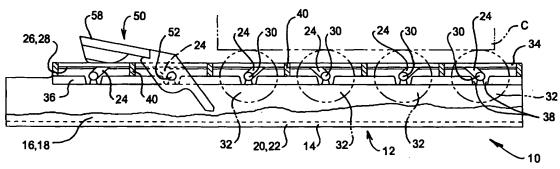
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

- with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: A CONVEYOR ROLLER ASSEMBLY



(57) Abstract: A roller assembly (10) for use in live carton storage. The assembly (10) includes a roller support (12). The roller support (12) includes a base portion (14) and two wall portions (16, 18). The two wall portions (16, 18) are connected to and upstanding from the base portion (14). The roller assembly (10) includes at least one roller (32) rotatable about a roller axle (30), with the axle (30) of each roller (32) extending outwardly beyond the longitudinal ends (34) of the roller. Each wall portion (16, 18) of the roller support (12) includes a slot (24) for receiving a respective end of the axle (30) of each roller (32) for rotatably supporting the roller (32) there between. The roller assembly (10) also includes a means (34) for retaining the ends of each roller (30) axle in the respective receiving slots (24).

